

Dkt. 0575/59167-A-PCT-US/JPW/BJA

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David J. Pinsky
U.S. Serial No. : 10/049,320 Examiner: S.-L. Chen
Filed : August 13, 1999 Group Art Unit: 1632
For : CD39/ECTO-ADPase FOR TREATMENT OF
THROMBOTIC AND ISCHEMIC DISORDERS

1185 Avenue of the Americas
New York, New York 10036
July 19, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with his duty of disclosure under 37 C.F.R. §1.56, applicant directs the Examiner's attention to the following references which are listed on the attached Form PTO-1449 (**Exhibit A**). References 1-44 were previously cited in connection with the prosecution of U.S. Serial Number 09/374,586 from which the subject application claims benefit under 35 U.S.C. §120. According to 37 C.F.R. §1.98(d), copies of patents or publications that were previously cited by, or submitted to, the Office in connection with such prior applications need not accompany the Information Disclosure Statement. Accordingly, copies of references 1-44 are not attached to this Information Disclosure Statement. A copy of reference no. 45 is attached hereto as **Exhibit B**.

- 1) Steering Committee, Lancet, (1986) "A Randomised, Blinded Trial of Clopidogrol versus Aspirin in

Applicants : David J. Pinsky
Serial No. : 10/049,320
Filed : August 13, 1999
Page 2

Patients at Risk of Ischaemic Events" CAPRIE
348:1329-1339;

- 2) Wang, T.F., and Guidotti, G., (1996) "CD39 is an Ecto-(Ca²⁺, Mg²⁺)-Apyrase", *J. Biol. Chem.* 271:9898-9901;
- 3) Gura, T., (1997), "Systems for Identifying New Drugs are Often Faulty" *Science* 278:1041-1042;
- 4) Skolnick, J., et al. (2000) "From Genes to Protein Structure and Function: Novel Applications of Computational Approaches in the Genomic Era" *TIBTECH* 18:34-39;
- 5) Rudinger, J. (1976) "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence, *Peptide Hormones* 1-7;
- 6) Kaye, F.J., et al., (1990) "A Single Amino Acid Substitution Results In a Retinoblastoma Protein Defective in Phosphorylation and Oncoprotein Binding" *P.N.A.S.* 87:6922-6926;
- 7) Choudri et al. (1998). "Reduced microvascular thrombosis and improved outcome in acute murine stroke by inhibiting GP IIb/IIIa receptor-mediated platelet aggregation" *J. Clin. Invest.* 102(7):1301-1310;
- 8) Abstract of McTaggart, et al., (1999) "Cerebroprotective Role Of CD39 (Endothelial

Applicants : David J. Pinsky
Serial No. : 10/049,320
Filed : August 13, 1999
Page 3

EctoADPase) in Murine Strain" *Supplement
Circulation*, 100(18):I328;

- 9) International Search Report for International Application No. PCT/US00/22060, November 14, 2000;
- 10) GenCore Accession No. WO4334,29 December 1996, BEAUDOIN et al., WO96/32471 A2 (Univ. Sherbrooke) 17 October 1996;
- 11) Marcus, et al. (March 1997) "The Endothelial Cell Ecto-ADPase Responsible For Inhibition of Platelet Function Is CD39" *The Journal of Clinical Investigation*, 99(6):1351-1360;
- 12) Kaczmarek, et al., (1996) "Identification and Characterization of CD39/Vascular ATP Diphosphohydrolase" *The Journal of Biological Chemistry* 271(51):33116-33122;
- 13) Bowie E. J. W., et al., (1974) "The Bleeding Time" *Progress in & Hemostasis and Thrombosis*, Spaet TH (ed.) 2d Ed, New York, Grune Statton, pp. 249-271;
- 14) Broekmann, M. J., et al., (1991) "Inhibition of human Platelet Reactivity by Endothelium-Derived Relaxing Factor From Human Umbilical Vein Endothelial Cells in Suspension: Blockade of Aggregation and Secretion by an Aspirin-Insensitive Mechanism" *Blood* 78:1033-1040;
- 15) Bronner, L. L., et al., (1995) "Primary prevention of stroke", *N. Engl. J. Med.* 333(21):1392-1400;

Applicants : David J. Pinsky
Serial No. : 10/049,320
Filed : August 13, 1999
Page 4

- 16) Buchanan M. R., et al., (1995) "Individual variation in the ASA effects of ASA on platelet function: Implication for the use of clinically" *Cardiovasc. Medicine* 11(3):221-227;
- 17) Chiu, D., et al., (1998) "Intravenous tissue plasminogen activator for acute ischemic stroke: feasibility, safety, and efficacy in the first year of clinical practice" *Stroke* 29: 18-22;
- 18) Choudhri, T. F., et al., (1997) "Use of a spectrophotometric hemoglobin assay to objectively quantify intracerebral hemorrhage in mice" *Stroke* 28:2296-2302;
- 19) Connolly, E. S. Jr., et al., (1996) "Cerebral protection in homozygous null ICAM-1 mice after middle cerebral artery occlusion. Role of neutrophil adhesion in the pathogenesis of stroke" *J. Clin. Invest.* 97:209-216;
- 20) Connolly, E. S. Jr., et al., (1997) "Exacerbation of cerebral injury in mice which express the P-selectin gene: identification of P-selectin blockade as a new target for the treatment of stroke" *Circ. Res.* 81:304-310;
- 21) Connolly, E. S. Jr., et al., (1996) "Procedural and strain-related variables significantly affect outcome in a murine model of focal cerebral ischemia" *Neurosurg.* 38(3):523-532;

Applicants : David J. Pinsky
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Filed : August 13, 1999
Page 5

- 22) Dippel, D., (1998) "The results of CAPRIE, IST, and CAST" *Thrombosis Res.* 92:S13-S16;
- 23) Eitzman D. T., (1996) "Bleomycin-induced pulmonary fibrosis in transgenic mice that either lack or overexpress the murine plasminogen activator inhibitor-I gene" *J. Clin. Invest.* 97:232-237;
- 24) Erickson, L. A., et al., (1990)" Development of venous occlusions in mice transgenic for the plasminogen activator inhibitor-I gene" *Nature* 346:74-76;
- 25) Gayle, R. B., et al., (1998) "Inhibition of platelet function by recombinant soluble ecto-ADPase/CD39" *J. Clin. Invest.* 101:851-1859;
- 26) Grotenmeyer, K. H., (1991) "Effects of acetylsalicylic acid in stroke patients; evidence of nonresponders in a subpopulation of treated patients" *Thrombosis Res.* 63:587-593;
- 27) Handa, M., & Guidotti, G., (1996)"Purification and Cloning of a Soluble ATP-Diphosphohydrolase (Apyrase) from Potato Tubers (*Solanum tubersum*)" *Biochem. Biophys. Res. Commun.* 218:916-923;
- 28) Harbison, J. W., (1998)" Clinical considerations in selecting Pharm antiplatelet therapy in cerebrovascular disease", *Am. J. Health Syst.* 55:S17-S20;

- 29) Hechler, B., et al., (1998) "The P2Y1 receptor, necessary but not the sufficient to support full ADP-induced platelet aggregation, is not target of the drug clopidogrel" *Br. J. Haematol.* 3:858-866;
- 30) Huang, Z., et al., (1994) "Effects of Cerebral Ischemia in Mice Deficient Neuronal Nitric Oxide Synthase" *Science* 265:1883-1885;
- 31) Koch, R., Verhandlungen des X. Internationalen Medizinischen Congresses Berlin 1:35-47 (1891). (Abstract);
- 32) Lawson C. A., et al., (1997) "Monocytes and tissue factor promote 99: thrombosis in a murine model of oxygen deprivation", *J. Clin. Invest.*, 1729-1738;
- 33) Maeda K, et al., (1998) "Differences in the cerebrovascular anatomy of C57black/6 and SV129 mice" *Neuroreport* 9(7):1317-1319;
- 34) Majid A., et al., (1999) "Intrinsic, hemodynamic-independent differences in vulnerability to permanent focal cerebral ischemia in common mutant mouse strains", 24th American Heart Association International Conference on Stroke and Cerebral CXJO-XXPY;
- 35) Maliszewski, C. R., et al., (1994) "The CD39 lymphoid cell activation antigen: Molecular cloning and structural characterization" *J. Immunol.* 153:3574-3583;

- 36) Marcus, A. J., & Safeir, L. B., (1993)
"Thromboregulation: multicellular modulation of
platelet reactivity in hemostasis and thrombosis"
FASEB J. 7:516-522;
- 37) Marcus, A. J., (1999) "Platelets: Their role in
hemostasis, thrombosis, and inflammation", In
Inflammation: Basic Principles and Clinical
Correlates (EDS Gallin, J.I. & Snyderman, R.: 77-95
(Lippincott, Williams & Wilkins, Philadelphia;
- 38) Marcus, A. J., et al., (1997) "The endothelial cell
ecto-ADPase responsible for inhibition of platelet
function is CD39" *J. Clin. Invest.* 99:1351-1360;
- 39) Marcus, A. J., et al., (1991) "Inhibition of platelet
function by an aspirin-insensitive endothelial cell
ADPase" *J. Clin. Invest.* 88:1690-1696;
- 40) Mayadas, T. N., et al., (1993) "Leukocyte rolling
and extravasation are severely compromised in P-
selection deficient mice" *Cell* 74(3): 541-554;
- 41) Mizutani H, et al., (1990) "Analyses of
thrombocytopenia in idiopathic thrombocytopenic
purpura-prone mice by platelet experiments between
(NZW X BXSB)F1 and normal mice" *Blood* 75:1809-1912;
- 42) Naka, Y., et al., (1995) "Enhanced preservation of
orthotopically transplanted rat lungs by
nitroglycerin but not hydralazine: Requirement for

Applicants : David J. Pinsky
Serial No. : 10/049,320
Filed : August 13, 1999
Page 8

graft vascular homeostasis beyond harvest
vasodilation" *Circ. Res.* 76:900-906;

43) Schoenborn, M. A., et al., (1998) "Gene structure
and chromosome location of mouse Cd39 coding for an
ecto-apyrase", *Cytogen. Cell Gen.*, 81(3-4):287-280;

44) Wardlaw, J. M., et al., (1997) "Systematic review of
evidence on thrombolytic therapy for acute ischemic
stroke" *Lancet.* 350:607-614; and

45) U.S. Patent Application Publication No. 2002/0138858,
published September 26, 2002. (Exhibit B)

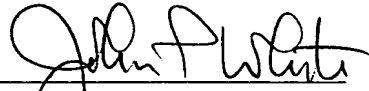
This Information Disclosure Statement is being submitted under
37 C.F.R. §1.97(b). Applicant requests that the Examiner
review the publications and make them of record in the subject
application.

If a telephone interview would be of assistance in advancing
prosecution of the subject application, applicant's
undersigned attorney invites the Examiner to telephone him at
the number provided below.

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No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. If any such fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

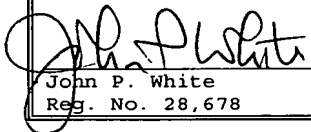
Respectfully submitted,



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I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

ORIGINAL REPORT DOCUMENTS														
		Document Number							Date	Country	Class	Subclass	Translation	
													Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Steering Committee, Lancet, (1986) "A Randomised, Blinded Trial of Clopidogrol versus Aspirin in Patients at Risk of Ischaemic Events" CAPRIE 348:1329-1339
	Wang, T.F., and Guidotti, G., (1996) "CD39 is an Ecto-(Ca ²⁺ , Mg ²⁺)-Apyrase", J. Biol. Chem. 271:9898-9901
	Gura, T., (1997), "Systems for Identifying New Drugs are Often Faulty" Science 278:1041-1042
	Rudinger, J. (1976) "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence, <i>Peptide Hormones 1-7</i>
	Kaye, F.J., et al., (1990) "A Single Amino Acid Substitution Results In a Retinoblastoma Protein Defective in Phosphorylation and Oncoprotein Binding" P.N.A.S. 87:6922-6926

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Abstract of McTaggart, et al. (November 2, 1999) Cerebroprotective Role Of CD39 (Endothelial EctoADPase) in Murine Strain, Supplement Circulation, 100(18):Page I-328, 1720;
	International Search Report for International Application No. PCT/US00/22060, November 14, 2000;
	GenCore Accession No. WO4334,29 December 1996, BEAUDOIN et al., WO 96/32471 A2 (UNIV. SHERBROOKE) 17 October 1996;
	Marcus, et al. (March 1997) The Endothelial Cell Ecto-ADPase Responsible For Inhibition of Platelet Function Is CD39, The Journal of Clinical Investigation, 99(6): 1351-1360;
	Kaczmarek, et al. (December 1996) Identification and Characterization of CD39/Vascular ATP Diphosphohydrolase, The Journal of Biological Chemistry. 271(51):33116-33122;

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	Bowie E. J. W., et al., (1974) "The Bleeding Time" Progress in & Hemostasis and Thrombosis, Spaet TH (ed.) 2d Ed, New York, Grune Statton, pp. 249-271;
	Broekmann, M. J., et al., (1991) "Inhibition of human Platelet Reactivity by Endothelium-Derived Relaxing Factor From Human Umbilical Vein Endothelial Cells in Suspension: Blockade of Aggregation and Secretion by an Aspirin-Insensitive Mechanism", Blood 78: 1033-1040;
	Bronner, L. L., et al., (1995) "Primary prevention of stroke", N. Engl. J. Med. 333(21):1392-1400;
	Buchanan M. R., et al., (1995) "Individual variation in the ASA effects of ASA on platelet function: Implication for the use of clinically" Cardiovasc. Medicine 11(3):221-227;

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Choudhri, T. F., et al., (1997) "Use of a spectrophotometric hemoglobin assay to objectively quantify intracerebral hemorrhage in mice" *Stroke* 28:2296-2302;

Connolly, E. S. Jr., et al., (1996) "Cerebral protection in homozygous null ICAM-1 mice after middle cerebral artery occlusion. Role of neutrophil adhesion in the pathogenesis of stroke" *J. Clin. Invest.* 97:209-216;

Connolly, E. S. Jr., et al., (1997) "Exacerbation of cerebral injury in mice which express the P-selectin gene: identification of P-selectin blockade as a new target for the treatment of stroke" *Circ. Res.* 81:304-310;

Connolly, E. S. Jr., et al., (1996) "Procedural and strain-related variables significantly affect outcome in a murine model of focal cerebral ischemia" *Neurosurg.* 38(3):523-532;

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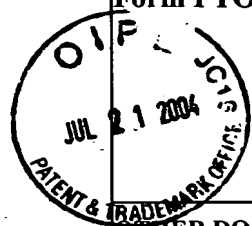
Group
1632

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Dippel, D., (1998) "The results of CAPRIE, IST, and CAST" <i>Thrombosis Res.</i> 92:S13-S16;
	Eitzman D. T., (1996) "Bleomycin-induced pulmonary fibrosis in transgenic mice that either lack or overexpress the murine plasminogen activator inhibitor-I gene" <i>J. Clin. Invest.</i> 97:232-237;
	Erickson, L. A., et al., (1990)" Development of venous occlusions in mice transgenic for the plasminogen activator inhibitor-I gene" <i>Nature</i> 346:74-76;
	Gayle, R. B., et al., (1998) "Inhibition of platelet function by recombinant soluble ecto-ADPase/CD39" <i>J. Clin. Invest.</i> 101:851-1859
	Grotenmeyer, K. H., (1991) "Effects of acetylsalicylic acid in stroke patients; evidence of nonresponders in a subpopulation of treated patients" <i>Thrombosis Res.</i> 63:587-593;
	Handa, M., & Guidotti, G., (1996)"Purification and Cloning of a Soluble ATP-Diphosphohydrolase (Apyrase) from Potato Tubers (<i>Solanum tubersum</i>)" <i>Biochem. Biophys. Res. Commun.</i> 218:916-923
	Harbison, J. W., (1998)" Clinical considerations in selecting Pharm antiplatelet therapy in cerebrovascular disease", <i>Am. J. Health Syst.</i> 55:S17-S20;

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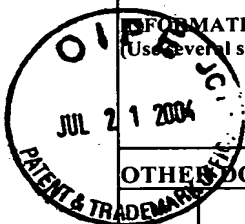
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		Huang, Z., et al., (1994) "Effects of Cerebral Ischemia in Mice Deficient Neuronal Nitric Oxide Synthase" <i>Science</i> 265:1883-1885;	
		Koch, R., Verhandlungen des X. Internationalen Medizinischen Congresses Berlin 1:35-47 (1891). (Abstract);	
		Lawson C. A., et al., (1997) "Monocytes and tissue factor promote 99: thrombosis in a murine model of oxygen deprivation", <i>J. Clin. Invest.</i> , 1729-1738;	
		Maeda K, et al., (1998) "Differences in the cerebrovascular anatomy of C57black/6 and SV129 mice" <i>Neuroreport</i> 9(7):1317-1319;	
		Majid A., et al., (1999) "Intrinsic, hemodynamic-independent differences in vulnerability to permanent focal cerebral ischemia in common mutant mouse strains", 24th American Heart Association International Conference on Stroke and Cerebral CXJO-XXPY:	
		Maliszewski, C. R., et al., (1994) "The CD39 lymphoid cell activation antigen: Molecular cloning and structural characterization" <i>J. Immunol.</i> 153:3574-3583;	
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		Marcus, A. J., (1999) "Platelets: Their role in hemostasis, thrombosis, and inflammation", In <i>Inflammation: Basic Principles and Clinical Correlates</i> (EDS Gallin, J.I. & Snyderman, R.: 77-95 (Lippincott, Williams & Wilkins, Philadelphia;			
		Marcus, A. J., et al., (1997) "The endothelial cell ecto-ADPase responsible for inhibition of platelet function is CD39" <i>J. Clin. Invest.</i> 99:1351-1360;			
		Marcus, A. J., et al., (1991) "Inhibition of platelet function by an aspirin-insensitive endothelial cell ADPase" <i>J. Clin. Invest.</i> 88:1690-1696;			
		Mayadas, T. N., et al., (1993) "Leukocyte rolling and extravasation are severely compromised in P-selection deficient mice" <i>Cell</i> 74(3): 541-554;			
		Mizutani H, et al., (1990) "Analyses of thrombocytopenia in idiopathic thrombocytopenic purpura-prone mice by platelet experiments between (NZW X BXSB)F ₁ and normal mice" <i>Blood</i> 75:1809-1912;			
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Naka, Y., et al., (1995) "Enhanced preservation of orthotopically transplanted rat lungs by nitroglycerin but not hydralazine: Requirement for graft vascular homeostasis beyond harvest vasodilation" *Circ. Res.* 76:900-906;

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Wardlaw, J. M., et al., (1997) "Systematic review of evidence on thrombolytic therapy for acute ischemic stroke" *Lancet.* 350:607-614; and

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